DOCUMENT RESUME

ED 313 267 SE 051 103

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TITLE Acid Rain: Science Projects.
INSTITUTION Acid Rain Foundation, Raleigh, NC.
REPORT NO ISBN-0-935577-09-2
PUB DATE 87
NOTE 22p.
AVAILABLE FROM The Acid Rain Foundation, 1410 Varsity Drive, Raleigh, NC 27606 ($9.95).
PUB TYPE Guides - Classroom Use - Materials (For Learner) (051)

EDRS PRICE Document Not Available from EDRS.
DESCRIPTORS *Acid Rain; Air Pollution; Chemistry; *Environmental Education; Laboratory Procedures; Middle Schools; *Science Activities; Science Education; *Science Fairs; *Secondary School Science; Water Pollution

ABSTRACT

Too often science seems to be a matter of studying from books and responding to questions raised by teachers about the information either in the classroom or on examinations. Such a view of science misses its importance as a way of thinking, doing, and preparing for citizenship roles. The problems and activities included in this volume are designed to emphasize the basic ingredients of science and to relate procedures and activities to the real world. Topics discussed or investigated in this guide include: (1) researching information; (2) acids and bases; (3) monitoring precipitation; (4) plant responses to acids; (5) effects of acid rain on microorganisms; (6) effects on physical materials; (7) taking action; and (8) evaluation. Projects dealing with acid rain problems are suggested for both younger and older students. A list of 13 information sources and a content outline on acid deposition are included. (CW)

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